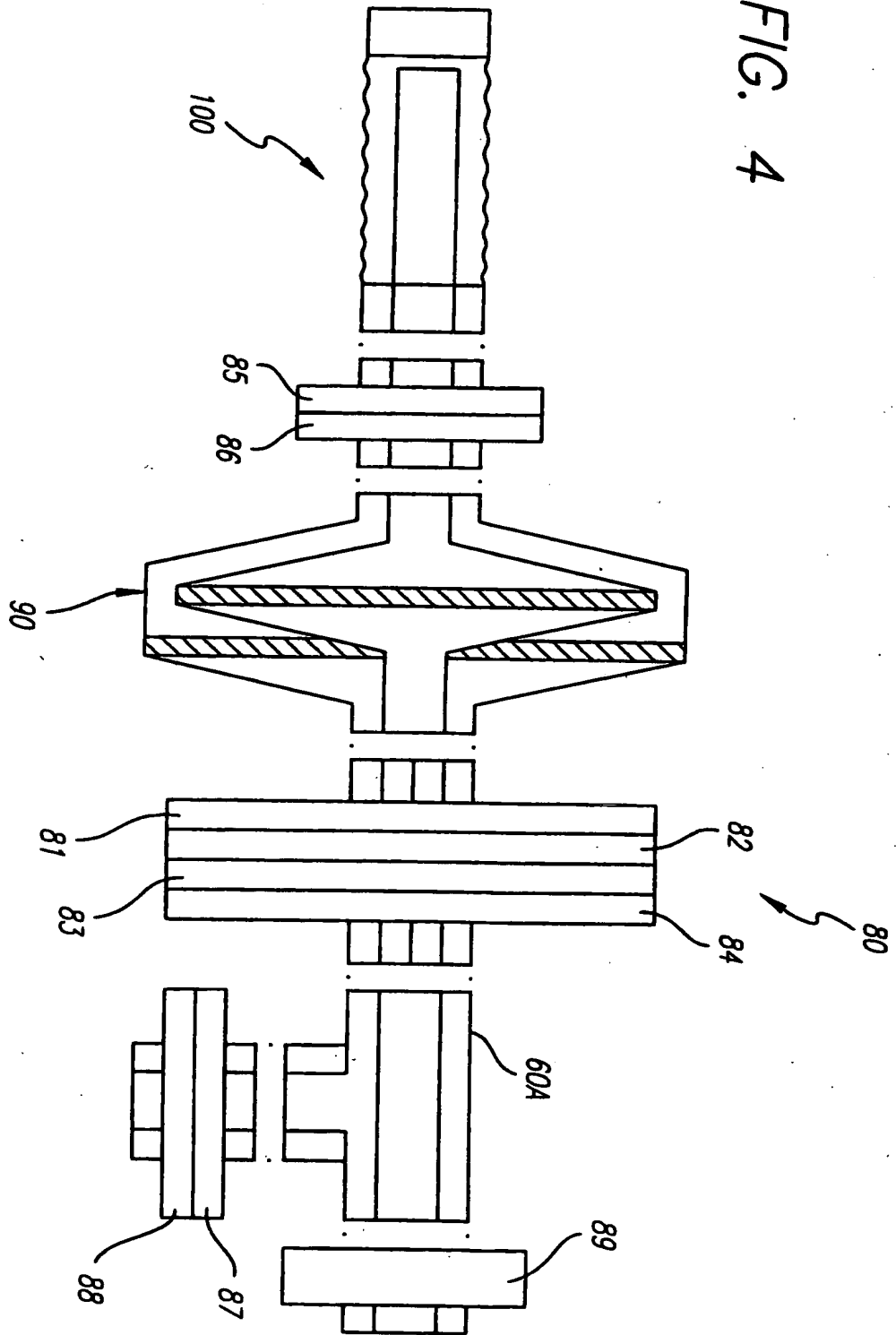
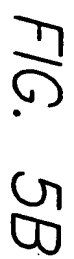
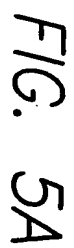


1057507.2666666





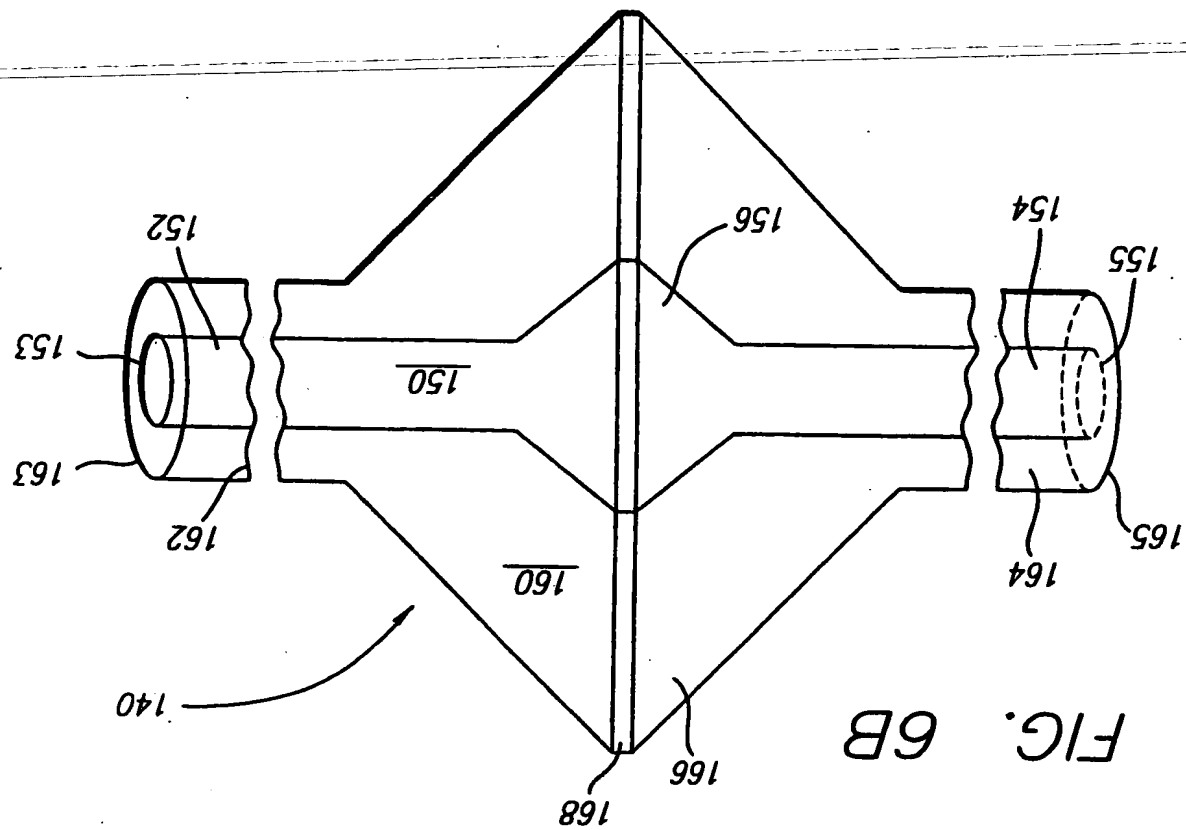


FIG. 6B

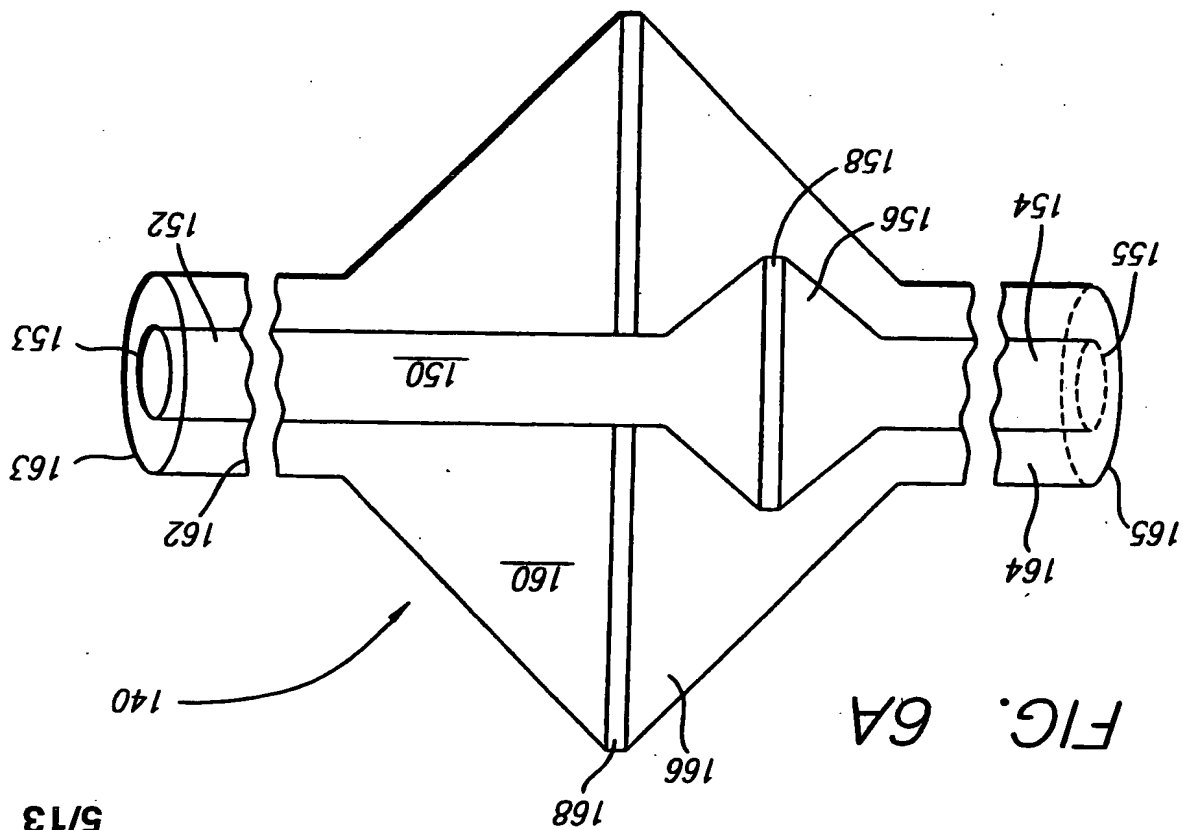
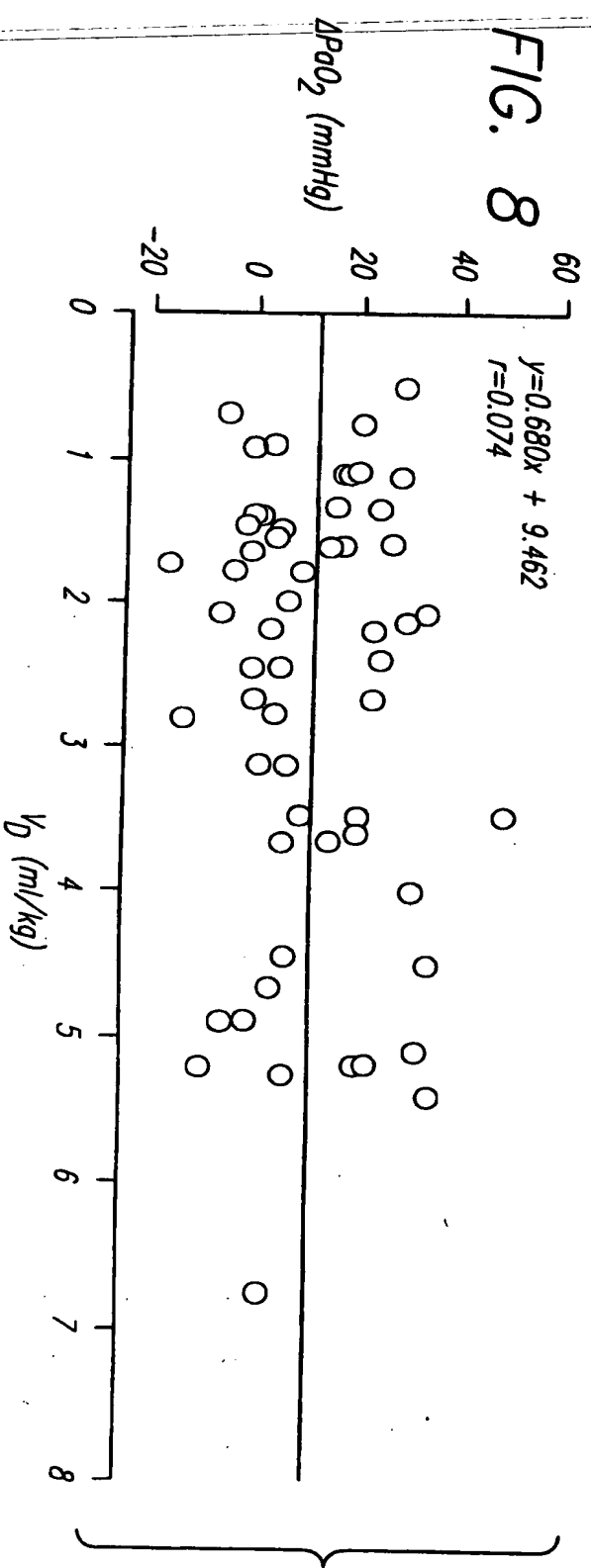
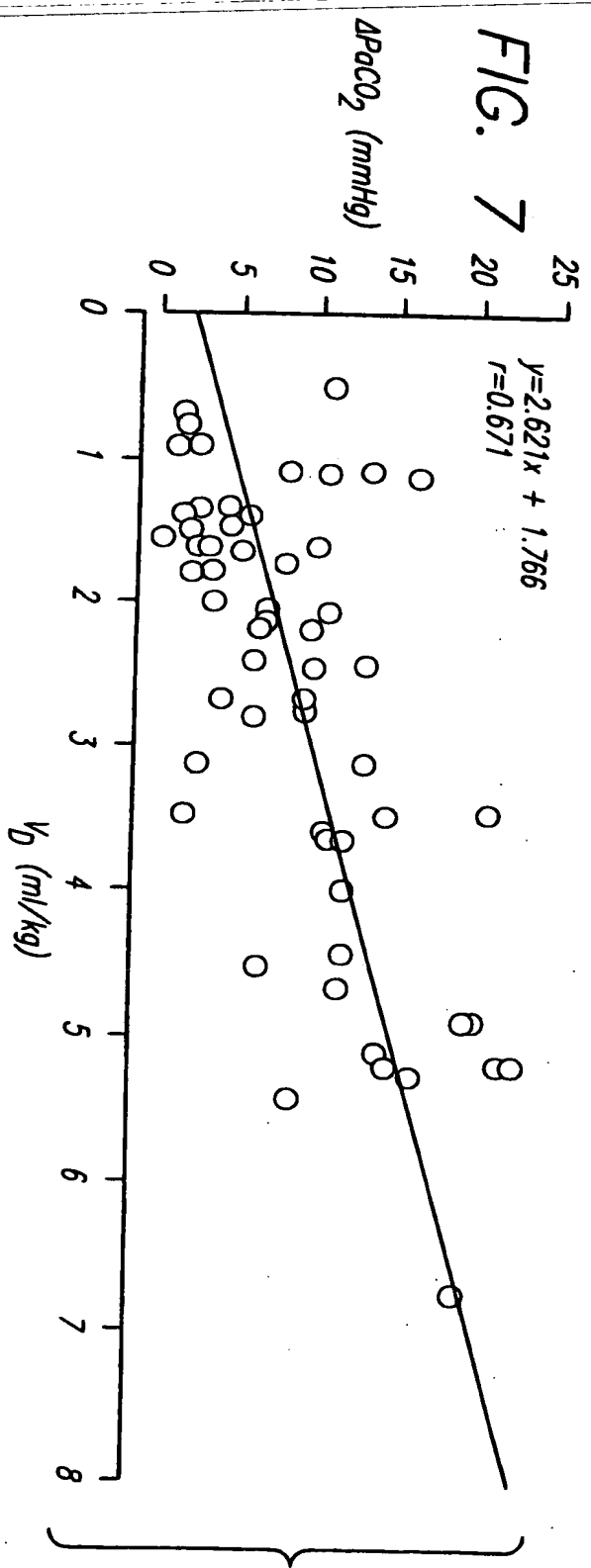


FIG. 6A

105180-1380E660



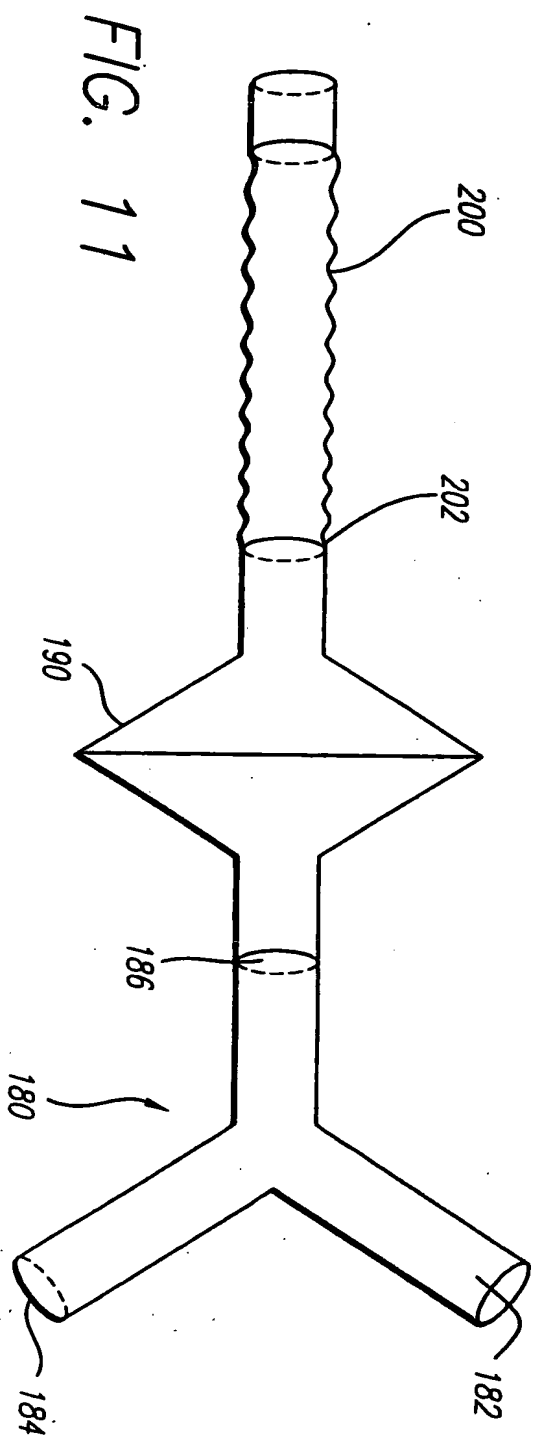
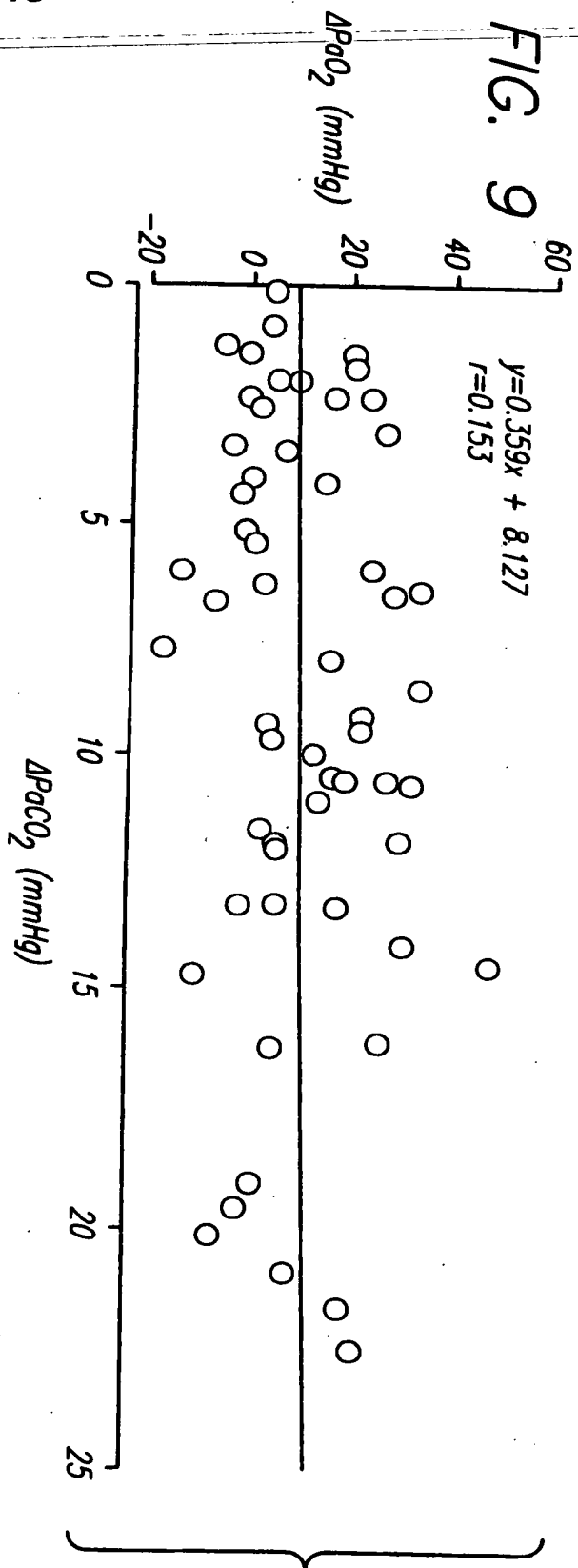


FIG. 10

THE RATE OF INCREASE IN ARTERIAL BLOOD CARBON DIOXIDE TENSION  
IN RELATION TO APPARATUS DEAD SPACE

[  $\Delta PCO_2$  (mmHg) VS VD (ml) ]

WEIGHT (kg)	DEAD SPACE VOLUME (ml)														
	10	20	30	40	50	100	200	300	400	500	600	700	800	900	1000
3	11	19	28	37	45	89	176	264							
10	4	7	10	12	15	28	54	80	107	133	159	185	211	238	264
20	3	4	6	7	8	15	28	41	54	67	80	94	107	120	133
30	3	4	4	5	6	11	19	28	37	45	54	63	72	80	89
40	2	3	4	4	5	8	15	21	28	35	41	48	54	61	67
50	2	3	3	4	4	7	12	17	23	28	33	38	44	49	54
60	2	3	3	4	4	6	11	15	19	24	28	32	37	41	45
70	2	3	3	3	4	6	9	13	17	20	24	28	32	35	39
80	2	2	3	3	3	5	8	12	15	18	21	25	28	31	35
90	2	2	3	3	3	5	8	11	13	16	19	22	25	28	31
100	2	2	3	3	3	4	7	10	12	15	17	20	23	25	28

$$\Delta PCO_2 \text{ (mmHg)} = 2.621 \times VD \text{ (ml/kg)} + 1.766 \text{ (FROM STUDY II)}$$



FIG. 12

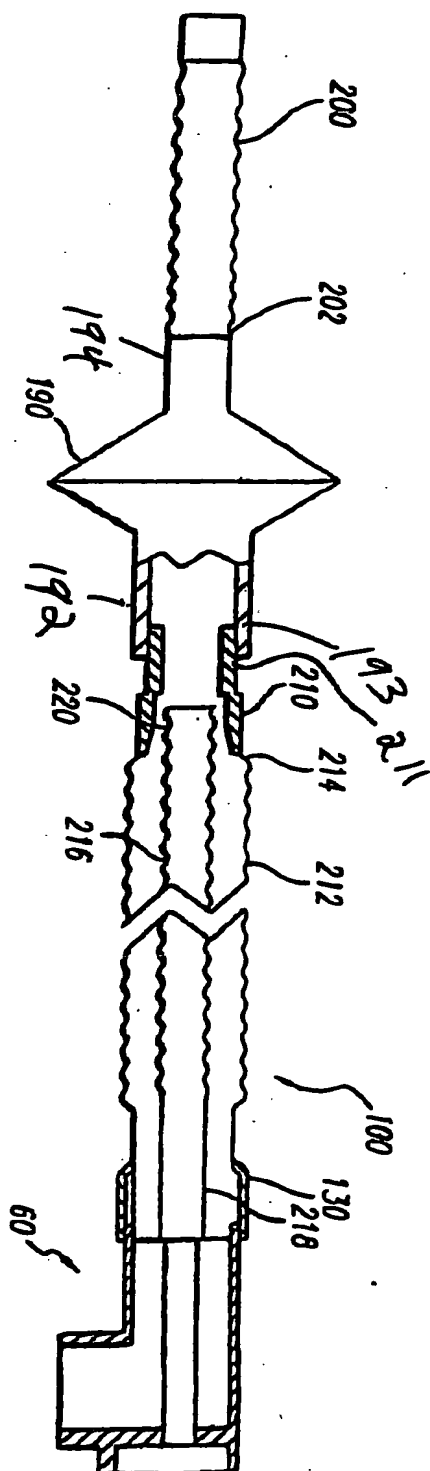


FIG. 13

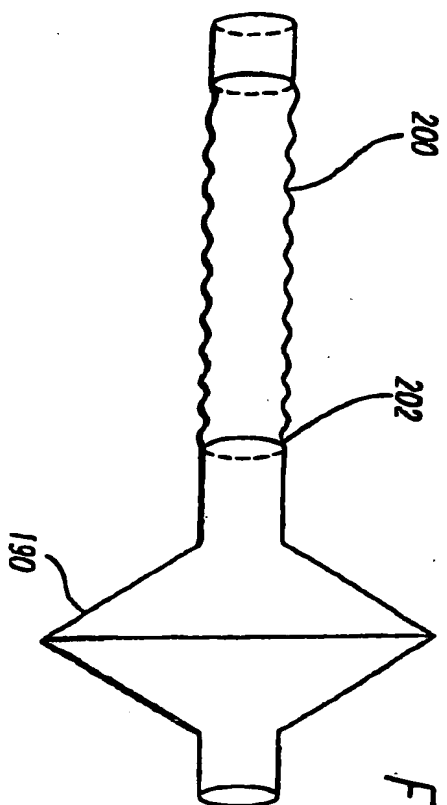


FIG. 14

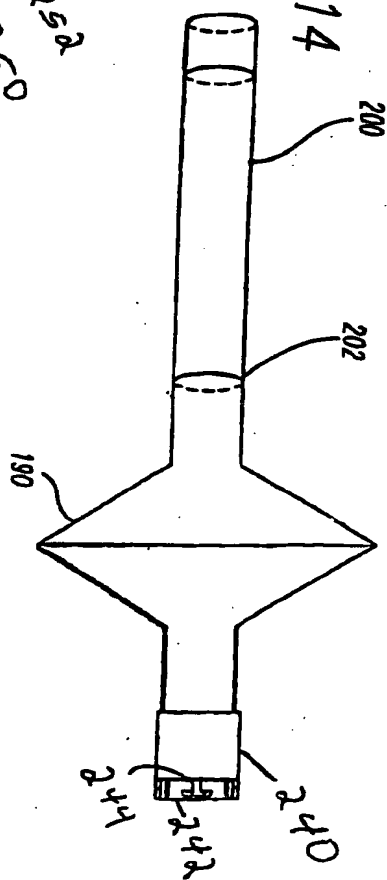


FIG. 15

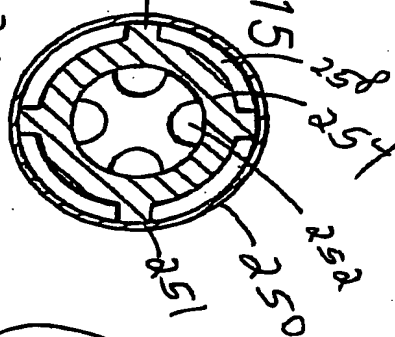


FIG. 19

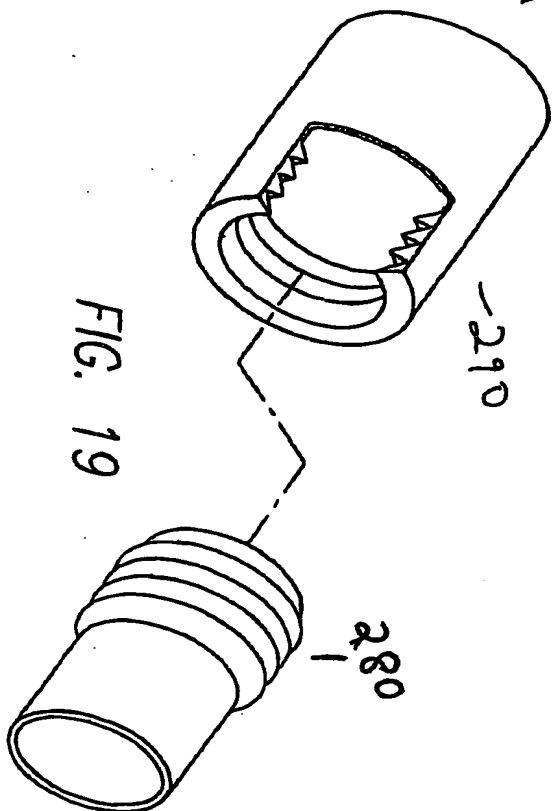
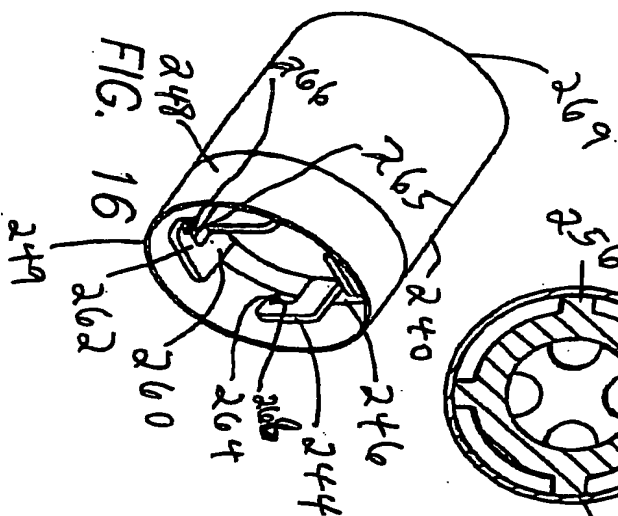


FIG. 16



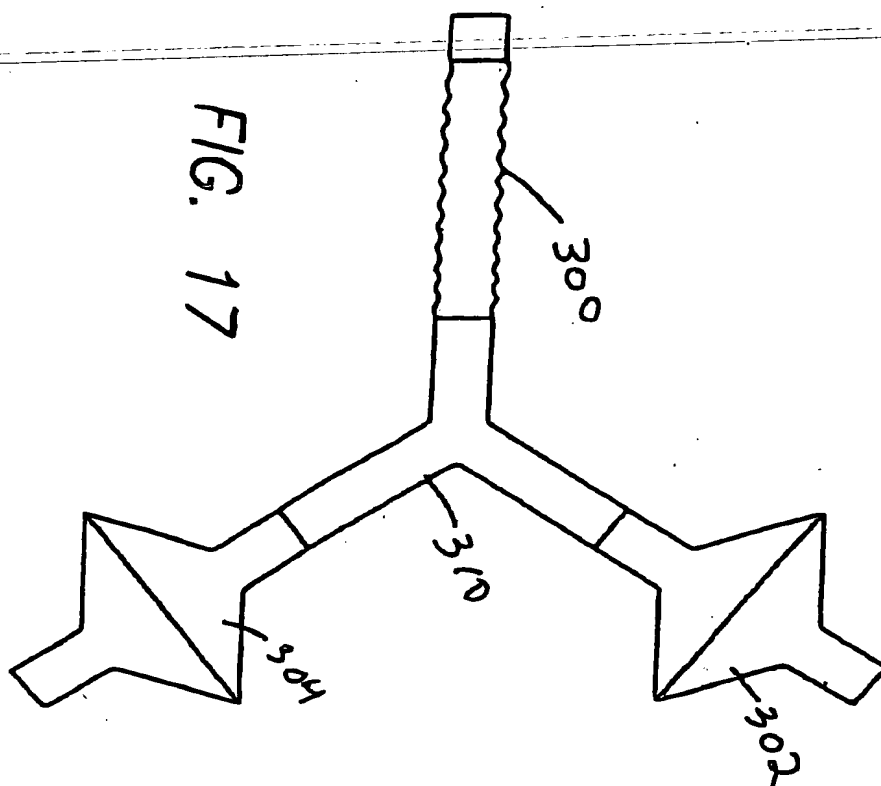


FIG. 17

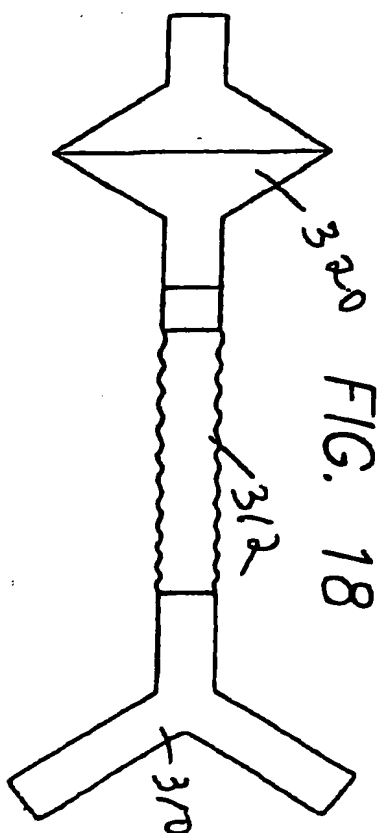


FIG. 18

105150 1280660

FIG. 20

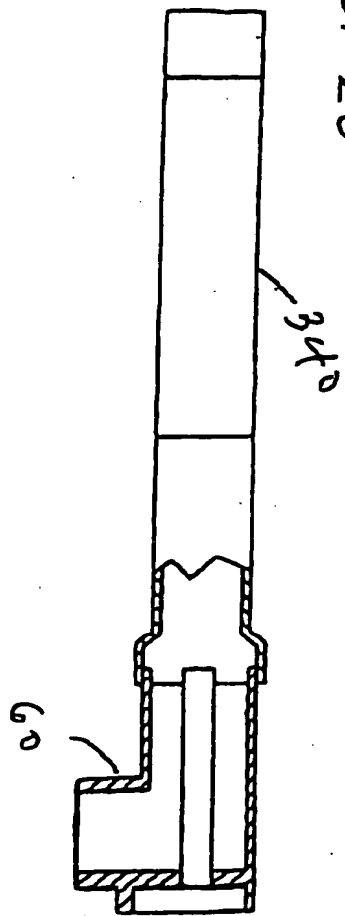
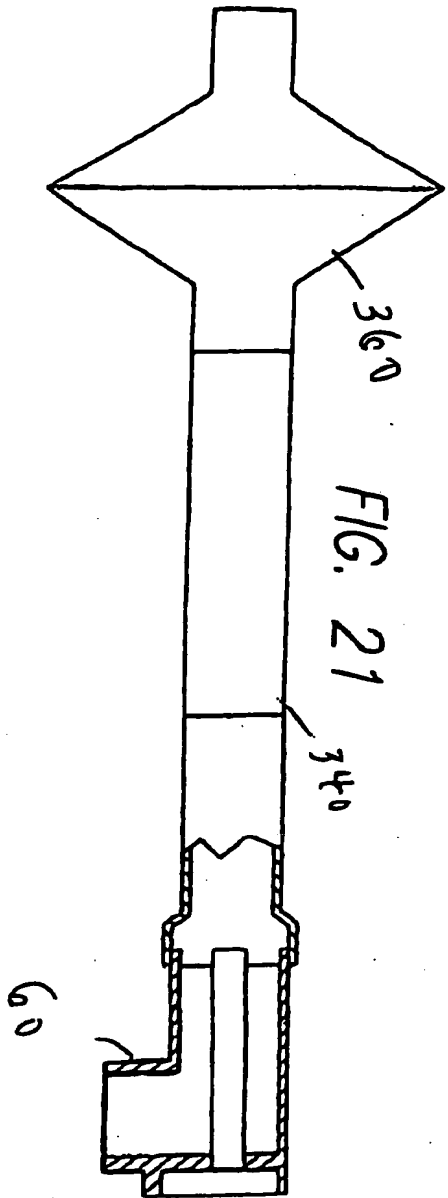


FIG. 21



105150 1280660

